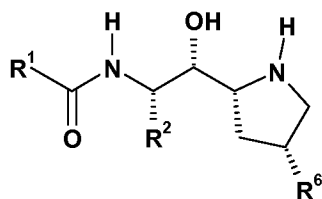


Amendments to the Claims

Claim 1. (Cancelled)

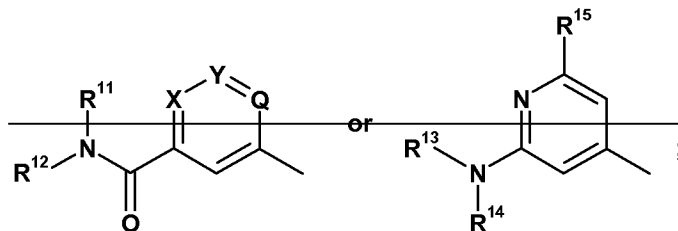
Claim 2 (Currently amended) A compound of ~~Claim 1~~ of Formula I(a):



I(a)

where:

R^1 is ~~(C₃-C₇ cycloalkyl)₀₋₁(C₁-C₆ alkyl), (C₃-C₇ cycloalkyl)₀₋₁(C₂-C₆ alkenyl), (C₃-C₇ cycloalkyl)₀₋₁(C₂-C₆ alkynyl) or C₃-C₇ cycloalkyl, each optionally substituted with up to three groups independently selected from halo, hydroxy, thiol, cyano, trifluoromethyl, trifluoromethoxy, C₁-C₆ alkoxy, C₃-C₇ cycloalkoxy, oxo, and NR⁹R¹⁰, hydrogen, biphenyl~~



~~substituted with halo,~~

~~X is CH, N, or N⁺-O⁻;~~

~~Y is CR¹⁶, N, or N⁺-O⁻;~~

~~Q is CR¹⁷, N, or N⁺-O⁻;~~

R^2 is ~~C₄-C₃-alkyl, benzyl optionally mono- or difluorinated in the phenyl ring monosubstituted in the phenyl ring with a substituent selected from the group consisting of halo, C₁-C₆ alkoxy optionally substituted in the alkyl chain with C₃-C₇ cycloalkyl, and C₁-C₆ alkylthio optionally substituted in the alkyl chain with C₃-C₇ cycloalkyl, or benzyl optionally disubstituted in the phenyl ring with a first substituent independently selected from halo and a second substituent independently selected from halo, C₁-C₆ alkoxy optionally substituted in the alkyl chain with C₃-C₇ cycloalkyl, and C₁-C₆ alkylthio optionally substituted in the alkyl chain with C₃-C₇ cycloalkyl;~~

R^6 is ~~fluoro, hydroxy, p-toluenesulfonyloxy, R³⁴, -CH₂C(O)R³⁵, or -OC(O)NHR³⁶;~~ or R^5 and R^6 taken together form ~~=CHC(O)(C₁-C₄ alkoxy);~~

R^9 is hydrogen, C_1 - C_6 -alkyl, or phenyl;
 R^{10} is hydrogen, C_1 - C_6 -alkyl, phenyl, $C(O)(C_1-C_6\text{-alkyl})$, or $SO_2(C_1-C_6\text{-alkyl})$;
 R^{11} and R^{12} are independently selected from the group consisting of methyl, ethyl, and propyl;
 R^{13} is hydrogen or C_1 - C_6 -alkyl;
 R^{14} is C_3 - C_5 -cycloalkyl, C_1 - C_6 -alkyl, or CH_2R^{18} ;
 R^{15} is CF_2R^{19} , OR^{20} , $CH_2C(O)CH_3$, $S(O)_{1-2}R^{21}$, $NR^{22}SO_2R^{23}$, $(C_1-C_3\text{-alkoxy})$ -carbonyl, phenyl optionally substituted with halo, 1,3-dioxolan-2-yl, 1,3-dioxan-2-yl, 1,1-dioxo-2,3,4,5-tetrahydroisothiazol-2-yl, or tetrazol-5-yl optionally substituted with C_1 - C_3 -alkyl;
 R^{16} is hydrogen, chloro, isobutyl, CH_2R^{24} , CF_2R^{25} , 1,1,1-trifluoro-2-hydroxyethyl, C_2 - C_4 -alkenyl optionally substituted with one or two fluorine atoms, OR^{26} , $C(O)R^{27}$, $N(\text{methyl})(\text{methylsulfonyl})$, $N(\text{methyl})(\text{acetyl})$, pyrrolidin-2-on-1-yl, methylsulfonyl, N,N -dimethylaminosulfonyl, phenyl optionally substituted with one or two substituents selected from the group consisting of hydroxymethyl, methoxy, fluoro, and methylsulfonyl, 1,3-dioxolan-2-yl, 1,3-dithiolan-2-yl, 1,3-oxathiolan-2-yl, 1,3-dioxan-2-yl, 1,3-dithian-2-yl, pyridinyl, thiazolyl, oxazolyl, or 1,2,4-oxadiazolyl optionally substituted with methyl;
 R^{17} is hydrogen or fluoro;
 R^{18} is ethynyl or cyclopropyl;
 R^{19} is hydrogen or methyl;—
 R^{20} is difluoromethyl or methanesulfonyl;—
 R^{21} is C_1 - C_4 -alkyl, C_3 - C_6 -cycloalkyl, phenyl, or $NR^{30}R^{34}$;—
 R^{22} is hydrogen, C_1 - C_3 -alkyl optionally substituted with up to 3 fluorine atoms, or C_3 - C_6 -cycloalkyl;—
 R^{23} is C_1 - C_3 -alkyl or C_3 - C_6 -cycloalkyl;—
 R^{24} is fluoro, hydroxy, or C_1 - C_3 -alkoxy;
 R^{25} is hydrogen, phenyl, or furyl;
 R^{26} is C_1 - C_3 -alkyl optionally substituted with one or two fluorine atoms;
 R^{27} is C_1 - C_3 -alkyl, C_3 - C_5 -cycloalkyl, C_2 - C_3 -alkenyl, C_1 - C_3 -alkoxy, $NR^{28}R^{29}$, pyrrolidin-1-yl optionally substituted with methyl or one or two fluorine atoms, piperidin-1-yl, phenyl, pyridinyl, or furyl;
 R^{28} is hydrogen or methyl;
 R^{29} is methyl, ethyl, or propyl;
 R^{30} is hydrogen or methyl;

~~R³¹ is methyl; or~~

~~R³⁰ and R³¹ taken together with the nitrogen atom to which they are attached form a pyrrolidine or piperidine ring;~~

R³² is C₁-C₁₀ alkyl optionally substituted with 1-6 fluorine atoms, oxo, or one or two hydroxy groups, C₂-C₆ alkenyl, or -(CH₂)₀₋₃-R³³;

R³³ is C₃-C₇ cycloalkyl or phenyl each optionally substituted with one or two substituents independently selected from the group consisting of halo, C₁-C₆ alkyl, C₁-C₆ alkoxy, hydroxy, trifluoromethyl, and trifluoromethoxy, or R³³ is adamantyl;

~~R³⁴ is hydrogen, R³², or -(CH₂)₀₋₂-OR³²;~~

R³⁵ is hydroxy, C₁-C₆ alkoxy, or NR³⁷R³⁸ where R³⁷ and R³⁸ are independently hydrogen or C₁-C₆ alkyl, or R³⁷ and R³⁸, taken together with the nitrogen to which they are attached, form a piperidine ring optionally substituted with C₁-C₆ alkyl, a homopiperidine ring, a morpholine ring, or a pyrrolidine ring optionally substituted with (C₁-C₆ alkoxy)methyl;

~~R³⁶ is C₁-C₆ alkyl or adamantyl;~~

~~or a pharmaceutically acceptable salt thereof; provided that: a) no more than one of X, Y, and Q may be N or N⁺-O⁻; and b) when X is CH, Y is CR¹⁶, and Q is CR¹⁷, then one of R¹⁶ and R¹⁷ is other than hydrogen.~~

Claims 3-7 (Cancelled)

Claim 8 (Currently amended): A pharmaceutical ~~formulation~~ composition comprising a compound of Claim 1, in combination with a pharmaceutically acceptable carrier, diluent, or excipient.

Claims 9-10 (Cancelled)

Claim 11 (Currently amended) A method for the inhibition of production of A-β peptide comprising administering to a mammal in need of such treatment an effective amount of a compound of Claim 1.

Claim 12 (Cancelled)

Claim 13 (New) A compound of Claim 2 where R² is benzyl.